Figure 11. Proposed new special studies zone and existing zones.

FER-69 Supplement #1

Sunland

3-16-78 Drew Smith

CALIFORNIA DIVISION OF MINES AND GEOLOGY
THOMAS E. GAY, JR., ACTING STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

SUNLAND QUADRANGLE
CALIFORNIA—LOS ANGELES CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 SAN FERNANDO 15' QUADRANGLE

2352 IV NW (MINT CANYON)
2352 IV NE (AGUA DULCE)
2352 IV NW (ACTON)

FAULTS IN THIS AREA NEED FURTHER EVALUATION FOR ZONING PURPOSES

New Zone

TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1966

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

SCALE 1:24000

REFERENCES USED TO COMPILE FAULT DATA

Sunland Quadrangle

Barrows, A. G., Kahle, J. E., Saul, R. B., and Weber, F. H., Jr., 1975, Geologic map of the San Fernando earthquake area *in* San Fernando, California, earthquake of 9 February 1971: California Division of Mines and Geology Bulletin 196, pl. 2.

Barrows, A. G., Kahle, J. E., Weber, F. H., Jr., Saul, R. B., and Morton, D. M., 1975, Surface effects map of the San Fernando earthquake area *in* San Fernando, California, earthquake of 9 February 1971: California Division of Mines and Geology Bulletin 196, pl. 3.

MAP EXPLANATION

Potentially Active Faults

1906 C — Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

Special Studies Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES

Delineated in compliance with Chapter 7.5, Division 2 of the California Public Resources Code

SUNLAND QUADRANGLE

OFFICIAL MAP

Effective: January 1, 1976

T. E. Gay Jr. Acting State Geologist

IMPORTANT - PLEASE NOTE

1) *This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification of these potentially active faults and the location of such fault traces are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. The faults shown have not been field checked during this map compilation.
4) Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2, Section 2623 of the California Public Resources Code.

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